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WGU C207 Data-Driven Decision-Making Exam (NEW 2023/ 2024 Update) Questions and Verified Answers- 100% Correct| A Grade

QUESTION
Represents the probability that a variable falls with a certain range

Answer:
Cumulative distribution

QUESTION
A list of all the different probabilities of each outcome that can occur

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Answer:
Probability Distribution

QUESTION
Z-score for 99% level of confidence

Answer:
2.576

QUESTION
Z-score for 95% level of confidence

Answer:
1.960

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QUESTION
Measures of central tendency are approximately equal (Mean and Median)

Answer:
Normal Distribution

QUESTION
Used to compare the mean of three or more groups

Answer:
ANOVA

QUESTION
ANOVA uses this test statistics

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Answer:
F-value
(must be higher than critical value to reject the null)

QUESTION
T-test uses this test statistic

Answer:
T-value
(must be higher than critical value to reject the null)

QUESTION
A correlation is weak if the coefficient is close to ____

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Answer:
Zero

QUESTION
A correlation is strong if the coefficient is close to ____

Answer:
1 or -1

QUESTION
Illustrates performance measurements over a period of time

Answer:
Run Chart

QUESTION
Illustrates limits or constraints a process should not exceed

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Answer:
Control Chart

QUESTION
Visual tool to understand a process

Answer:
Flowchart

QUESTION
Easy tool to collect data to create other charts

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Answer:
Check Sheet

QUESTION
Assists in brainstorming issues that are causing a problem

Answer:
Cause and Effect Diagram
Not measurements!

QUESTION
Graphical display of a data set with one bar for each category

Answer:
Histogram and Pareto

QUESTION
Graphical display of data set centered

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Answer:
Histogram

QUESTION
Graphical display of data set in highest to lowest order

Answer:
Pareto

QUESTION
Used for potential relationships and correlation between variables

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